

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

	UAI	A MATRIX				
Date October 22, 2008			EPA Reg No./File Symbol 85353-XX		Page 1 of 5	
Applicant's/Registrant's Name & Ac Global Brass and Copper Inc. 427 I	ldress North Shamrock Street, East Alton, IL 62024		Copper Shield	I 66		
ngredient Copper (Metallic			· · · · · · · · · · · · · · · · · · ·			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
830.1550	Product Identity and Composition	46999501 47259601	Copper Development Association	PER		
830.1600	Description of Materials Used to Produce Product	46999501	Copper Development Association	PER		
830.1620	Description of Production Process	46999501	Copper Development Association	PER		
830.1650	Description of Formulation Process	46999501	Copper Development Association	PER		
830.1670	Discussion of Formation of Impurities	46999501	Copper Development Association	PER		
830.1700	Preliminary Analysis	46999501 47161002	Copper Development Association	PER		
830.1750	Certified Limits	46999501	Copper Development Association	PER		
830.1800	Enforcement Analytical Method	46999501	Copper Development Association	PER		
830.1900	Submittal of Standards	46999501	Copper Development Association	PER		
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			Name and Title			
Signature		-	Name and Title		Date	
Whather K 1?	5/8-		Heather R. Bjornson, Regulatory	Agent	10/22/2008	



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oplicant's/Registrant's Name & Address lobal Brass and Copper Inc. 427 North Shamrock Street, East Alton, IL 62024			Copper Shield 66		
ngredient Copper (Metallic	3)				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6302	Color				Not required OPPTS 830,1000
830.6303	Physical State	47161001	Copper Development Association	PER	
830.6304	Odor				Not required OPPTS 830,1000
830.6313	Stability to Temperature, Metals, and Metal Ions				Not required OPPTS 830,1000
830.6314	Oxidation/Reduction	47161001	Copper Development Association	PER	
830.6315	Flammability	47161001	Copper Development Association	PER	
830.6316	Explodability	47161001	Copper Development Association	PER	
830.6317	Storage Stability	47161001	Copper Development Association	PER	
830.6319	Miscibility	47161001	Copper Development Association	PER	
830.6320	Corrosion Characteristics	47161001	Copper Development Association	PER	
830.6321	Dielectric Breakdown Voltage	47161001	Copper Development-Association	PER	
830.7000	pН	47161001	Copper Development Association	PER	
830.7050	UV/Visible Absorption				Not required OPPTS 830,1000
830.7100	Viscosity	47161001	Copper Development Association	PER	1
Signature R. Byon			Heather R. Biornson, Regulatory Agent		Date 10/22/2008



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Ingredient Copper (Metallic	5)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
830.7200	Melting Point/Melting Range				Not required OPPTS 830.1000	
830.7220	Boiling Point/Boiling Range				Not required OPPTS 830.1000	
830.7300	Density/Relative Density/Bulk Density	47161001	Copper Development Association	PER		
830.7370	Dissociation Constants in Water				Not required OPPTS 830,1000	
830.7550	Partition Coefficient (n-octanol/water)				Not required OPPTS 830,1000	
830.7840	Water Solubility				Not required OPPTS 830,1000	
830.7950	Vapor Pressure				Not required OPPTS 830.1000	
Signature Walathen R. No	3,0-		Name and Title Heather R. Bjornson, Regulatory	Agent	Date 10/22/2008	



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
870.1100	Acute Oral Toxicity - Rats	46999502	Copper Development Association	PER		
870.1100	Acute Oral Toxicity - Mice	46999502	Copper Development Association	PER		
870.1200	Acute Dermal Toxicity	46999502	Copper Development Association	PER		
870.1300	Acute Inhalation Toxicity	46999502	Copper Development Association	PER		
870.2400	Acute Eye Irritation	46999502	Copper Development Association	PER		
870.2500	Acute Dermal Irritation	46999502	Copper Development Association	PER		
870.2600	Skin Sensitization	46999502	Copper Development Association	PER		
870.3150	90-Day Oral Toxicity - Dogs	46999502	Copper Development Association	PER		
870.3465	90-Day Oral Toxicity - Rats	46999502	Copper Development Association	PER		
870.3700	Prenatal Developmental Toxicity - Rabbits	46999502	Copper Development-Association	PER		
870.3700	Prenatal Developmental Toxicity - Rats	46999502	Copper Development Association	PER		
870.3800	Reproduction and Fertility Effects - 2 Gen	46999502	Copper Development-Association	PER		
870.4100	Chronic Feeding, Dog	46999502	Copper Development Association	PER		
870.4100	Chronic Feeding, Rat	46999502	Copper Development Association.	PER		
870.5100	Bacterial Reverse Mutation (Ames)Test	46999502	Copper Development Association	PER		
870.	Other Mutagenicity	46999502	Copper Development Association	PER		
870.7485	Metabolism and Pharmacokinetics - Rat	46999502	Copper Development Association	PER		
Signature Signature Rate Rate Rate Rate Rate Rate Rate Rat		Name and Title Heather R. Bjornson, Regulatory Agent		Date 10/22/200		



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gredient Copper (Metallic					
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810.2000	Hard Surface Sanitizer Assay	46999505 46999506 46999509 46999513 46999515	Copper Development Association	PER	
810.2000	Residual Self-sanitizer Assay	46999507 46999508 46999510 46999514	Copper Development Association	PER	
010.2000	residual seri saintizer russay	46999503 46999504 46999511 46999512	Copper Development Association	PER	
810.2000	Repeat Challenge Assay			-	
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Signature Watten R.	Bo		Name and Title Heather R. Bjornson, Regulatory	Agent	Date 10/22/200



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Signature Stother, 1	Byon		Heather R. Bjornson, Regulatory	Agent	Date 10/22/2008



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					Not required OPPTS 830,100
			Copper Development Association •	PER	
Signature Collabora R.	Byrn		Copper Development Association Name and Title Heather R. Bjornson, Regulatory	Agent	Date 10/22/2008



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			Copper Development Association	PER		
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Signature Statue R. By	V6 ⁴		Name and Title Heather R. Bjornson, Regulatory	Agent	Date 10/22/2008	



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Signature White R 1	3/02		Name and Title Heather R. Bjornson, Regulatory	Agent	Date 10/22/200	



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			Copper Development Association	PER	
			Copper Development Association	PER	
Signature R. By			Name and Title Heather R. Bjornson, Regulatory	Agent	Date 10/22/20